

Title (en)

Oscillator start-up circuit

Title (de)

Startschaltung für Oszillator

Title (fr)

Circuit de démarrage pour un oscillateur

Publication

**EP 0828347 A2 19980311 (EN)**

Application

**EP 97306763 A 19970902**

Priority

US 71103096 A 19960909

Abstract (en)

A start-up circuit is coupled to an oscillator (101) to enable the oscillator to reliably start and continue oscillation. The magnitude of the oscillator signal is compared to a threshold value and when the threshold is exceeded, the oscillator signal is coupled to a load. <IMAGE>

IPC 1-7

**H03K 3/01**; **H03K 3/03**; **H03K 3/354**

IPC 8 full level

**H03B 5/06** (2006.01); **H03K 3/01** (2006.01); **H03K 3/03** (2006.01); **H03K 3/354** (2006.01); **H03L 3/00** (2006.01)

CPC (source: EP)

**H03K 3/01** (2013.01); **H03K 3/0307** (2013.01); **H03K 3/3545** (2013.01)

Cited by

EP1643632A1; US9007138B2; US7429900B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0828347 A2 19980311**; JP H10107621 A 19980424; KR 19980024457 A 19980706; TW 341004 B 19980921

DOCDB simple family (application)

**EP 97306763 A 19970902**; JP 23559497 A 19970901; KR 19970046386 A 19970909; TW 85116024 A 19961224